

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2895150
<b>Application Number:</b>	10789605
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	9037
<b>Title of Invention:</b>	Efficient multi-symbol deinterleaver
<b>First Named Inventor/Applicant Name:</b>	Hanfang Pan
<b>Customer Number:</b>	23696
<b>Filer:</b>	Jonathan Velasco/Gayle Gestick
<b>Filer Authorized By:</b>	Jonathan Velasco
<b>Attorney Docket Number:</b>	030475
<b>Receipt Date:</b>	21-FEB-2008
<b>Filing Date:</b>	27-FEB-2004
<b>Time Stamp:</b>	20:40:42
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 180
RAM confirmation Number	4064
Deposit Account	170026
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

**File Listing:**

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	030475_2008-02-21_IDS.pdf	751662 d1d71248ffc68af94a099ccabebf85d670cd7189	no	4

**Warnings:****Information:**

A U.S. Patent Number Citation or a U.S. Publication Number Citation is required in the Information Disclosure Statement (IDS) form for autoloading of data into USPTO systems. You may remove the form to add the required data in order to correct the Informational Message if you are citing U.S. References. If you chose not to include U.S. References, the image of the form will be processed and be made available within the Image File Wrapper (IFW) system. However, no data will be extracted from this form. Any additional data such as Foreign Patent Documents or Non Patent Literature will be manually reviewed and keyed into USPTO systems.

2	Fee Worksheet (PTO-06)	fee-info.pdf	8159 35c812b06abf057d797fdcaae42480d73567911d	no	2
---	------------------------	--------------	--	----	---

**Warnings:****Information:**

<b>Total Files Size (in bytes):</b>	759821
-------------------------------------	--------

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.